

What is Claimed is:

1. A dental system for cleaning a user's teeth and marginal gingiva with a drug solution, comprising:

5           a mouthpiece made for each user, having substantially the same shape as the teeth and the marginal gingiva of the user, for covering the teeth and the marginal gingiva of the user while creating a gap between the mouthpiece and the teeth together with the marginal gingiva;

10          a supply unit connected to the mouthpiece, for supplying the drug solution to the mouthpiece;

              a drain unit connected to the mouthpiece, for collecting the drug solution supplied to the mouthpiece by the supply unit; and

15          a suction unit connected to the drain unit, for introducing the drug solution from the supply unit into the mouthpiece by applying suction to the drain unit,

20          wherein the mouthpiece adheres to the marginal gingiva by the suction, and a stream of the drug solution flowing through the gap cleans the teeth and the marginal gingiva.

25          2. A dental system according to Claim 1, wherein the supply unit comprises a tube branching into at least two tubes, one tube for supplying the drug solution through a vicinity of a right back tooth of the user wearing the

mouthpiece, another tube for supplying the drug solution through a vicinity of a left back tooth of the user.

5           3. A dental system according to Claim 1, wherein the mouthpiece comprises a flexible resin for touching a jaw of the user wearing the mouthpiece, and a rigid resin adhering to the flexible resin.

10          4. A dental system according to Claim 1, wherein the supply unit is connected to a back tooth portion of the mouthpiece to supply the drug solution through the back tooth portion, and the drain unit is connected to a front tooth portion of the mouthpiece to supply the drug solution through the front tooth portion.

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5           5. A dental system according to Claim 4, wherein the supply unit supplies the drug solution via a route from the front tooth portion, through an inside of the mouthpiece, to the back tooth portion.

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6. A dental system according to Claim 1, further comprising a vibrating unit connected to the mouthpiece, for applying vibration to the mouthpiece.

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7. A dental system according to Claim 6, wherein the vibrating unit is connected to a front tooth portion of

the mouthpiece to apply vibration to the mouthpiece through the front tooth portion.

5           8. A method of producing a dental system for cleaning a user's teeth and marginal gingiva with a drug solution, comprising steps of:

making a dental mold having substantially the same shape as the teeth and the marginal gingiva of the user;

attaching a first resin onto the dental mold;

10          attaching a second resin onto the first resin;

stripping the first resin and the second resin out of the dental mold, and creating a first hole and a second hole penetrating the first resin and the second resin;

15          stripping a part of the first resin placed on a tooth portion and a vicinity of the tooth portion the dental mold out of the second resin;

connecting a supply unit to the first hole, for supplying the drug solution;

20          connecting a drain unit to the second hole, for collecting the drug solution; and

connecting a suction unit to the drain unit, for sucking up the drug solution from the supply unit through the drain unit.

25          9. A method of producing a dental system according to Claim 8, further comprising steps of:

creating a third hole penetrating the first resin and  
the second resin; and

connecting a vibrating unit to the third hole, for  
applying vibration.

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10. A method of producing a dental system according  
to Claim 8, further comprising a step of attaching a third  
resin onto a part of the second resin where the supply unit  
is placed, to cover the part with the third resin.

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11. A method of producing a dental system according  
to Claim 10, wherein the step of stripping the first resin  
out of the second resin comes after the step of attaching  
the third resin.